



Grain Crushings and Co-Products Production

ISSN: 2377-3855

Released May 2, 2016, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Highlights

March 2015 contained 31 days.

February 2016 contained 29 days.

March 2016 contained 31 days.

Total corn consumed for alcohol and other uses was 484.1 million bushels in March 2016. Total corn consumption was up 3 percent from February 2016 but down 1 percent from March 2015. March 2016 usage included 90.9 percent for alcohol and 9.1 percent for other purposes. Corn for beverage alcohol totaled 2.97 million bushels, up 10 percent from February 2016 and up 21 percent from March 2015. Corn for fuel alcohol, at 431.0 million bushels, was up 2 percent from February 2016 but down 2 percent from March 2015. Corn consumed in March 2016 for dry milling fuel production and wet milling fuel production was 89.0 percent and 11.0 percent respectively.

Dry mill co-product production of distillers dried grains with solubles (DDGS) was 1.92 million tons during March 2016, up 7 percent from February 2016 and up 8 percent from March 2015. Distillers wet grains (DWG) 65 percent or more moisture was 1.32 million tons in March 2016, up 6 percent from February 2016 but down 6 percent from March 2015.

Wet mill corn gluten feed production was 342.7 thousand tons during March 2016, up 10 percent from February 2016 and up 3 percent from March 2015. Wet corn gluten feed 40 to 60 percent moisture was 290.6 thousand tons in March 2016, up 5 percent from February 2016 but down 6 percent from March 2015.

Dry and Wet Mill, Corn Consumed – United States: March 2016 with Comparisons

Purpose	March 2015	February 2016	March 2016
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Consumed for alcohol production			
Beverage alcohol	2,455	2,703	2,972
Fuel alcohol	437,828	420,751	431,049
Dry mill	391,736	377,344	383,586
Wet mill	46,092	43,407	47,463
Industrial alcohol	6,671	6,146	5,942
Consumed for other purposes			
Total wet mill products other than fuel	44,348	40,558	44,136

Dry Mill, Sorghum Consumed – United States: March 2016 with Comparisons

Purpose	March 2015	February 2016	March 2016
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Consumed for alcohol production			
Fuel alcohol	(D)	11,861	9,631

(D) Withheld to avoid disclosing data for individual operations.

Dry and Wet Mill, Co-products and Products Produced – United States: March 2016 with Comparisons

Co-products and products	March 2015	February 2016	March 2016
	(tons)	(tons)	(tons)
Dry mill			
Condensed distillers solubles (CDS - syrup)	163,796	122,291	137,541
Corn oil (Corn Distillers Oil - CDO)	106,270	123,806	125,483
Distillers dried grains (DDG)	438,728	367,436	384,739
Distillers dried grains with solubles (DDGS)	1,781,563	1,795,472	1,919,507
Distillers wet grains (DWG) 65% or more moisture	1,399,125	1,247,751	1,317,118
Modified distillers wet grains (DWG) 40% to 64% moisture	494,835	401,370	456,256
Wet mill			
Corn germ meal	57,439	65,123	68,140
Corn gluten feed	331,547	312,012	342,668
Corn gluten meal	93,078	83,643	91,945
Corn oil	42,684	46,490	51,415
Wet corn gluten feed 40% to 60% moisture	308,444	277,434	290,565
Dry and wet mill			
Carbon dioxide captured	198,922	190,003	204,371

Statistical Methodology

Survey Procedures: *Grain Crushings and Co-Products Production* is part of the Current Agricultural Industrial Reports (CAIR) program. CAIR reports are administered under NASS's Census of Agriculture program. Response to CAIR surveys are required by law (Title 7, U.S. Code). Data are collected from all known mills that produce ethanol.

The census universe was determined during operation profile interviews which were completed for each potential facility to identify the presence of ethanol production in 2014. During the operation profile, facilities that met the survey criteria were asked for the nameplate production capacity. The operation profile also documented the manner in which the firm will report. A firm headquarters can report for all milling locations or each location can report separately.

In the Dry Mill Producers and Wet Mill Producers survey questionnaires, mills are asked for previous calendar month data on feedstocks consumed, products and co-products produced. Mills are mailed questionnaires with the options of completing the survey by mail or by Electronic Data Reporting (EDR). For surveys not received in a reasonable amount of time, telephone follow-up is conducted.

Estimating Procedures: Imputation is done for operations with non-response by using historical data and current data relationships. Data for reporting firms are added to estimates for non-reporting firms to obtain National totals.

Revision Policy: Data are revised the following month based on late reports or corrected data. Final figures are published in the annual summary of the following year.

Reliability: Approximately 130 reports are received each month which represent about 90 percent of total capacity. Monthly data can vary due to different firms reporting month to month. Survey data are also subject to non-sampling errors such as omissions and mistakes in reporting and in processing the data. While these errors cannot be measured directly, they are minimized by carefully reviewing all reported data for consistency and reasonableness.

Information Contacts

Listed below are the commodity statisticians in the Environmental, Economics, and Demographics Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov.

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